



IFW

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: A.M. Marinescu Attorney Docket No.: MSFT122154  
Application No.: 10/783,275 Group Art Unit: 2131  
Filed: February 20, 2004 Examiner: --  
Title: SYSTEM AND METHOD FOR PROACTIVE  
COMPUTER VIRUS PROTECTION

INFORMATION DISCLOSURE STATEMENT

Seattle, Washington 98101  
July 14, 2004

TO THE COMMISSIONER FOR PATENTS:

Applicant is aware of the information listed in the attached form that may be material to the prosecution of the above-identified patent application.

1. ☒ Copies of the listed publications and other information are enclosed for the Examiner's use.
2. ☒ Pursuant to 37 C.F.R. § 1.97(b), this Information Disclosure Statement is being filed within three months of the filing date of the national application (other than a CPA), within three months of the date of entry of the national stage as set forth in 37 C.F.R. § 1.491 in an international application, before the mailing date of a first Office Action on the merits, or before the mailing date of a first Office Action after the filing of an RCE.

Respectfully submitted,

CHRISTENSEN O'CONNOR  
JOHNSON KINDNESS<sup>PLLC</sup>

Clint J. Feekes  
Registration No. 51,670  
Direct Dial No. 206.695.1633

I hereby certify that this correspondence is being deposited with the U.S. Postal Service in a sealed envelope as first class mail with postage thereon fully prepaid and addressed to Mail Stop AMENDMENT, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450, on the below date.

Date: July 14, 2004  
CJF:mgp

LAW OFFICES OF  
CHRISTENSEN O'CONNOR JOHNSON KINDNESS<sup>PLLC</sup>  
1420 Fifth Avenue  
Suite 2800  
Seattle, Washington 98101  
206.682.8100



INFORMATION CITED BY APPLICANT THAT MAY BE MATERIAL TO THE  
PROSECUTION OF THE SUBJECT APPLICATION

Applicant: A.M. Marinescu Attorney Docket No. MSFT122154  
Application No.: 10/783,275 Group Art Unit: 2131  
Filed: February 20, 2004 Examiner: --  
Title: SYSTEM AND METHOD FOR PROACTIVE  
COMPUTER VIRUS PROTECTION

U.S. PATENT DOCUMENTS

*Examiner Cite	Kind	Date	
Initials No.	Document No.	Code	(mm/dd/yyyy) Name
NONE			

FOREIGN PATENT DOCUMENTS

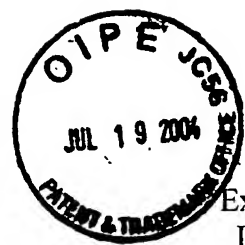
*Examiner Cite	Kind	Publication Date		English
Initial No.	Document No.	Code	(mm/dd/yyyy) Country	Abstract Translation
				Provided Provided
NONE				

OTHER INFORMATION

(Including Author, Title, Date, Pertinent Pages, Etc.)

*Examiner Cite	
Initial No.	
_____	O1 Deeb, K., and S. Lewis, "A Biological Approach to the Development of Computer Autoimmune Systems," <i>Proceedings of the Foundations of Intelligent Systems 13th International Symposium</i> , Lyon, France, June 27-29, 2002, pp. 514-525.
_____	O2 Hilley, S., "Hackers Hit and Run," <i>Computer Fraud &amp; Security</i> , November 2003, pp. 1-2.
_____	O3 Karresand, M., "Separating Trojan Horses, Viruses, and Worms—A Proposed Taxonomy of Software Weapons," <i>Proceedings of the 2003 IEEE Workshop on Information Assurance</i> , United States Military Academy, West Point, New York, June 2003, pp. 127-134.

LAW OFFICES OF  
CHRISTENSEN O'CONNOR JOHNSON KINDNESS<sup>PLLC</sup>  
1420 Fifth Avenue  
Suite 2800  
Seattle, Washington 98101  
206.682.8100



Examiner    Cite  
Initial      No.

- 
- |       |   |
|-------|---|
| _____ | O4    Natvig, K., "Sandbox Technology Inside AV Scanners," <i>Proceedings of the 11th Virus Bulletin International Conference and Exhibition</i> , Prague, Czech Republic, September 27-28, 2001, pp. 491-504.  |
| _____ | O5    Shinagawa, T., et al., "Flexible and Efficient Sandboxing Based on Fine-Grained Protection Domains," <i>Proceedings of the Next-NSF-JSPS International Symposium, Software Security - Theories and Systems, ISSS 2002</i> , Tokyo, Japan, November 8-10, 2002, pp. 172-184. |
| _____ | O6    Weber, M., et al., "A Toolkit for Detecting and Analyzing Malicious Software," <i>Proceedings of the 18th Annual Computer Security Applications Conference (ACSAC'02)</i> , IEEE Computer Society, Las Vegas, Nevada, December 9-13, 2002, pp. 423-431.                     |
| _____ | O7    Xie, B.Q., "The Effect of Infection Behaviors of Computer Virus on Early Detection and Detection Systems Deployment Strategies," <i>Proceedings of the International Conference on Telecommunications</i> , Beijing, China, June 23-26, 2002, pp. 108-118.                  |

Examiner

Date Considered

\_\_\_\_\_  
\_\_\_\_\_  
\*Examiner: Initial if reference considered, whether or not citation is in conformance with M.P.E.P. § 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

CJF:mgp

LAW OFFICES OF  
CHRISTENSEN O'CONNOR JOHNSON KINDNESS<sup>PLLC</sup>  
1420 Fifth Avenue  
Suite 2800  
Seattle, Washington 98101  
206.682.8100